United States of America

Department of Transportation—Hederal Aviation Administration

Supplemental Tupe Certificate

Number SA2823SW

A3899SW-S

RTW-212

This certificate, issued to

Harry L. Phillips Route 3, Box 420F

Fort Worth, Texas 76140

certifies that the change in the type design for the following product with the limitations and conditions

therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air

Regulations.

Original Product - Type Certificater Number:

Make:

Mooney

Model:

M20, M20A

Description of Type Design Change: Reinforcement of Vertical Tail Spar according to Drawing Number 12-77-01, Revision 1 dated April 3, 1978, or later FAA approved revision.

Limitations and Conditions.

Compatibility of this modification with other previously approved modifications must be determined by the installer.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: October 19, 1977

Date reissued:

Date of issuance:

July 31, 1978

Date amended:

By direction of the Administrator

- Don P. Watson

(Signature)

Chief, Engineering and Manufacturing Branch

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.